

April 27, 2018

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> St. SW  
Room TW-B204  
Washington, DC 20554

Re: *5G Automotive Association Notice of Ex Parte Presentation*  
*ET Docket No. 13-49*

Dear Ms. Dortch:

On April 25, 2018, representatives of the 5G Automotive Association (“5GAA”) provided demonstrations of vehicles equipped with Cellular Vehicle-to-Everything (“C-V2X”) technology to Commissioner Mike O’Rielly and Erin McGrath, Legal Advisor to Commissioner O’Rielly; Commissioner Brendan Carr and Jamie Susskind, Chief of Staff to Commissioner Carr; Umair Javed, Legal Advisor to Commissioner Jessica Rosenworcel; and Dana Shaffer, Charles Mathias, and Charles Eberle of the Wireless Telecommunications Bureau and Julie Knapp of the Office of Engineering and Technology. 5GAA was represented by Andrew Woelfling, Jovan Zagajac, and Jack Walpuck of Ford Motor Company, Dean Brenner of Qualcomm Incorporated, and the undersigned.

Prior to each demonstration, the 5GAA representatives provided a brief overview of C-V2X, a technology recently standardized in 3GPP Release 14.<sup>1</sup> The representatives discussed the ability of C-V2X to improve safety on the nation’s roads by facilitating the flow of information between vehicles, pedestrians, road infrastructure, and networks. The parties further noted that work is already underway to further enhance the safety benefits offered by C-V2X in future 3GPP releases.

---

<sup>1</sup> 3GPP is the 3<sup>rd</sup> Generation Partnership Project, a consortium of organizations that develop standards for cellular telecommunications network technologies. See 3GPP: About 3GPP, <http://www.3gpp.org/about-3gpp>.

Marlene H. Dortch

April 27, 2018

Page 2

The 5GAA representatives also noted that a number of 5GAA's members have begun joint testing of C-V2X to demonstrate the safety benefits of this technology. The parties described the initial results of this testing, which are very encouraging and confirm that C-V2X potentially offers substantial safety benefits.

Finally, the parties described the tremendous support for C-V2X that continues to grow among industry stakeholders. Along these lines, the parties noted that over 80 companies are members of 5GAA, an increase in membership of more than a dozen companies since 5GAA representatives last met with the Commission in January of this year.

This disclosure is made pursuant to Section 1.1206 of the Commission's rules.

Sincerely,

/s/ Sean T. Conway

Sean T. Conway

*Counsel to the 5G Automotive Association*

cc: Commissioner Mike O'Rielly  
Commissioner Brendan Carr  
Erin McGrath  
Jamie Susskind  
Umair Javed  
Julius Knapp  
Dana Shaffer  
Charles Mathias  
Charles Eberle